

a pair of end members extending from the rotational axis; and one or more walls extending between the end members parallel to the rotational axis, and wherein said walls comprise at least one non-removable coupling member constructed and arranged to couple the container to said walls, such that when the container is coupled to the coupling member the polymer array is substantially perpendicular to the rotational axis.

42. (Amended Herein) A system for facilitating the mixing of a fluid, the system comprising:

at least one container containing a polymer array and a fluid; and a holding device comprising a body with a rotational axis, a pair of end members extending from the rotational axis, one or more walls extending between the end members parallel to the rotational axis and at least one coupling member constructed and arranged to couple the container to at least one of the walls, such that when the container is coupled to the coupling member the polymer array is substantially perpendicular to the rotational axis.

43. (Amended Herein) A system as in claim 42, wherein the container defines a chamber, the chamber including a pair of closely spaced-apart faces that are separated by walls to define a narrow interior, wherein one of the faces defines a planar surface on which the polymer array is disposed.

64 51. (New) A holding device that is adapted to receive at least one container containing a polymer array and a fluid, the holding device comprising:

a body having a rotational axis;  
a pair of end members extending from the rotational axis;  
one or more walls extending between the end members parallel to the rotational axis;

at least one coupling member formed in one of the walls that is constructed and arranged to engage a side of the container to couple the container to the